

IN THE CLAIMS:

The following is a complete listing of claims in this application.

1. (currently amended) Composition for the treatment of bad breath, comprising:

- ~~A~~ a carrier material,
- ~~A~~ a sulphite oxidase enzyme,
- ~~At~~ at least one enzyme capable of breaking down glucose, starch and/or cellulose present in the oral cavity,
- ~~An~~ an oxidoreductase enzyme,
- ~~A~~ a source of halide or pseudohalide ions, and
- ~~A~~ a peroxidase enzyme.

wherein the composition does not contain a substrate for the oxidoreductase enzyme.

2. (currently amended) Composition according to claim 1, wherein the ~~quantity of support~~ carrier material ~~ranges from~~ is present in an amount of approximately 1% to approximately 99% by weight of the total weight of the composition.

3. (previously presented) Composition according to claim 1, wherein the quantity of sulphite oxidase ranges from approximately 0.2 IU to approximately 2000 IU.

4. (currently amended) Composition according to claim 1, wherein the enzyme ~~making it possible to break~~ capable of breaking down the starch and/or cellulose present in the oral cavity into glucose is ~~chosen~~ selected from the group ~~composed~~ consisting of amylase, cellulase, glucoamylase and ~~their~~ mixtures thereof, ~~and that the~~ in a quantity of ~~the aforesaid enzyme varies~~ of from approximately 0.05% to approximately 30% by weight compared to the total weight of the composition.

5. (currently amended) Composition according to claim 1, wherein the oxidoreductase enzyme is selected from the group ~~comprising~~ consisting of glucose oxidase, galactose oxidase, glycolate oxidase, aldehyde oxidase, lactate oxidase, xanthine

oxidase, L-amino-acid oxidase, D-amino-acid oxidase, monophosphate oxidase, hexose oxidase, xylitol oxidase, pyranose oxidase, alcohol oxidase and ~~their mixtures thereof,~~ and wherein the in a quantity of the aforesaid enzyme varies of from approximately 0.2 IU to approximately 2000 IU.

6. (currently amended) Composition according to claim 1, wherein the source of halide or pseudohalide ions is selected from the group ~~composed~~ consisting of potassium thiocyanate, sodium thiocyanate, ammonium thiocyanate, other thiocyanate salts, potassium iodide, other iodide salts, sodium chloride, other chloride salts and ~~their mixtures thereof, and that the~~ in a quantity of the aforesaid source of ions varies of from approximately 0.0001 mol/g to approximately 0.1 mol/g of carrier material.

7. (currently amended) Composition according to claim 1, wherein the peroxidase is selected from the group ~~composed~~ consisting of lactoperoxidase, superoxide dismutase, myeloperoxidase, chloroperoxidase, horseradish peroxidase, saliva peroxidase and ~~their mixtures thereof, and that the~~ in a quantity of the aforesaid enzyme varies of from approximately 0.1 IU/g to approximately 100 IU/g of the carrier material.

8. (currently amended) Composition according to claim 1, ~~wherein the composition also includes further comprising an agent stimulating salivation, chosen in particular selected~~ from the group consisting of saturated ~~or~~ and unsaturated emulsifiers, acidifiers and ~~their mixtures thereof.~~

9. (currently amended) Composition according to claim 1, ~~wherein it includes further comprising a buffering agent used to obtain a composition with a pH of from approximately 4 to approximately 8, preferably from approximately 5.4 to approximately 6.5.~~

10. (currently amended) Composition according to claim 1,

~~wherein it contains~~ further comprising an antibacterial enzymatic agent selected from the group ~~comprising~~ consisting of lysozyme, lactoferrin and ~~their~~ mixtures thereof.

11. (currently amended) Composition according to claim 1, ~~wherein it includes~~ further comprising a flavouring agent selected from the group comprising chicken flavours, fish flavours and their ~~mixtures~~ thereof.

12. (currently amended) Composition according to claim 1, ~~wherein it includes~~ further comprising suitable vehicles and excipients for oral administration.

13. (currently amended) Composition according to claim 1, ~~wherein it is~~ supplied in a liquid oral form.

14. (currently amended) Composition according to claim 1, ~~wherein it is~~ supplied in a solid oral form.

15. (currently amended) Composition according to claim 1, wherein the composition is ~~presented~~ in the form of toothpaste, chewing strips, chewing gum, mouthwash, oral gel, dental powder, chewing tablet, or chewing paste.

16. (new) Composition according to claim 9, buffered to a pH of approximately 5.4 to approximately 6.5.